



Karlsruher Institut für Technologie



2 PhD positions at KIT, Karlsruhe (Biology/(Bio-)Physics)

After successful funding of a collaborative research center initiative involving research groups in Heidelberg, Karlsruhe and Göttingen (<http://sfb1324.de>), we have 2 open positions for PhD students at the Karlsruhe Institute of Technology (KIT), Germany. This is an interdisciplinary project focused on the analysis of molecular events within the Wnt signalling pathway and we are looking for a Biologist and a (Bio-)Physicist (or Physical Chemist) who will work in close collaboration.

Biology candidate: The selected candidate will join the research group of Gary Davidson at KIT North Campus. The group has a research focus on mechanisms that regulate Wnt receptor activation. A highly motivated, independent biologist is sought who will use cutting edge genetic (CRISPR/Cas) and biophysical (advanced microscopy) technology to investigate Wnt receptor biology.

(Bio-)Physics candidate: The selected candidate will join the research group of Uli Nienhaus at KIT South Campus. The group has a research focus on the development of advanced fluorescence microscopy methods and their application to quantitative biophysical studies of living systems. We are looking for a highly motivated, independently working physicist who will develop and apply novel fluorescence-based imaging techniques and related analysis software to investigate Wnt receptor biology in a quantitative fashion.

Contact details:

The biology candidate should send an e-mail with full cv and letter of motivation to: gary.davidson@kit.edu

The (bio-)physics candidate should send an e-mail with full cv and letter of motivation to: Uli.Nienhaus@kit.edu

More information on the new collaborative research center:
<http://sfb1324.de>